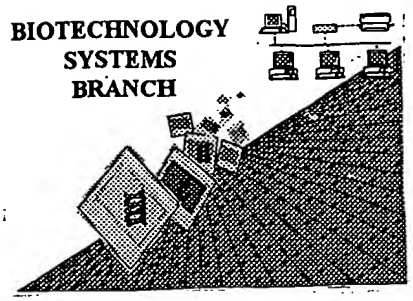
BEST AVAILABLE COPY

1645 4700

BIOTECHNOLOGY SYSTEMS BRANCH



RECEIVED
APR 19 2002
TECH CENTER 1600/2900

RAW SEQUENCE LISTING ERROR REPORT

#11

Corrected by STIC

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/439,318
Source: 16P
Date Processed by STIC: 1/23/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom, including:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>, **EFS Submission User Manual** - ePAVE)
2. U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. **Hand Carry directly to:**
   U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
   Or
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. **Federal Express, United Parcel Service, or other delivery service to:** U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

RECEIVED
APR 19 2002
TECH CENTER 1600/2900

1600

RAW SEQUENCE LISTING DATE: 01/23/2002
PATENT APPLICATION: US/09/439,311B TIME: 17:01:31

Input Set : A:\Es.txt
Output Set: N:\CRF3\01232002\I439311B.raw

Does Not Comply
Corrected Diskette Needed
pp 1, 4

8 <110> APPLICANT: Guerry, Patricia
9 Trust, Trevor J
10 Burg, Edward
11 Lee, Lanfong
13 <120> TITLE OF INVENTION: A Recombinant Polypeptide for use in the Manufacture of Vaccines
14 against Campylobacter Induced Diarrhea and to Reduce Colonization
16 <130> FILE REFERENCE: 78560
18 <140> CURRENT APPLICATION NUMBER: 09/439,311B
C--> 20 **<141> CURRENT FILING DATE: 2001-12-18**
22 <150> PRIOR APPLICATION NUMBER: US 60/108,114
24 <151> PRIOR FILING DATE: 1998-11-12
E--> 26 **<160> NUMBER OF SEQ ID NOS: 5** 6 (p.4)
28 <170> SOFTWARE: Apple Macintosh Microsoft Word 6.0

ERRORED SEQUENCES

30 <210> SEQ ID NO: 1
32 <211> LENGTH: 999
33 <212> TYPE: DNA
34 <213> ORGANISM: Campylobacter coli
W--> 35 **<220> FEATURE:**
36 <223> OTHER INFORMATION:
W--> 37 **<400> SEQUENCE: 1**
38 attaacacaa atgttgcagc attaaatgct aaagcaaatt cggatctaaa cagcagagca 60
39 ttagatcaat cactttcaag actcagttca ggtcttagaa tcaactccgc agcagatgat 120
40 gcttcaggga tggcgatagc agatagttta agatctcagg caaatacttt gggtcaggct 180
41 atatctaatg gtaatgatgc tttaggtatc ttgcaaactg cagataaggc tatggatgag 240
42 caacttaaaa tcttagatac catcaagact aaagcgactc aagctgctca agatggtcaa 300
43 agcttaaaaa caagaactat gcttcaagca gacatcaacc gtttgatgga agaacttgat 360
44 aatatcgcaa ataccacttc atttaatggc aaacaacttt taagtggtgg ttttaccaat 420
45 caagaattcc aaatcggttc aagttcaaat caaactatta aagcaagtat aggagcaact 480
46 cagtcttcta aaatcggtgt aacaagattt gaaacaggtt cacaaagttt ttcttcaggc 540
47 actgtaggac ttactattaa aaactacaac ggtatcgaag attttaaatt tgatagtgta 600
48 gtgatttcta cttcagtagg aacaggtctt ggagctttgg ctgaagagat caacagaaat 660
49 gcagataaaa caggaattcg tgcaactttt gatgtaaaat ctgtaggagc ctatgcaata 720
50 aaagcaggaa atacttctca ggattttgct atcaatgggg ttgttatagg taaggttgat 780
51 tattcagatg gtgatgagaa tggttcttta atttcagcta tcaatgctgt aaaagataca 840
52 actggtgttc aagcctctaa agatgaaaat ggtaaacttg ttcttacttc ggccgatggt 900
53 agagggatta aaatcacagg tagcataggt gtaggagctg gtatattgca cactgaaaat 960
E--> 54 **tatggaaggt tatctttagt taaaaatgat ggtagagat** 999

insert hard return

<210> 2

56 <211> LENGTH: 333
57 <212> TYPE: PRT

RAW SEQUENCE LISTING DATE: 01/23/2002
PATENT APPLICATION: US/09/439,311B TIME: 17:01:31

Input Set : A:\Es.txt
Output Set: N:\CRF3\01232002\I439311B.raw

```
 58 <213> ORGANISM: Campylobacter coli
W--> 59 <220> FEATURE:
 60 <223> OTHER INFORMATION:
W--> 61 <210> SEQ ID NO:
E--> 61 <400> SEQUENCE: 2
 62 Ile Asn Thr Asn Val Ala Ala Leu Asn Ala Lys Ala Asn Ser Asp
 63  1               5                  10                  15
 64 Leu Asn Ser Arg Ala Leu Asp Gln Ser Leu Ser Arg Leu Ser Ser
 65                  20                  25                  30
 66 Gly Leu Arg Ile Asn Ser Ala Ala Asp Asp Ala Ser Gly Met Ala
 67                  35                  40                  45
 68 Ile Ala Asp Ser Leu Arg Ser Gln Ala Asn Thr Leu Gly Gln Ala
 69                  50                  55                  60
 70 Ile Ser Asn Gly Asn Asp Ala Leu Gly Ile Leu Gln Thr Ala Asp
 71                  65                  70                  75
 72 Lys Ala Met Asp Glu Gln Leu Lys Ile Leu Asp Thr Ile Lys Thr
 73                  80                  85                  90
 74 Lys Ala Thr Gln Ala Ala Gln Asp Gly Gln Ser Leu Lys Thr Arg
 75                  95                 100                 105
 76 Thr Met Leu Gln Ala Asp Ile Asn Arg Leu Met Glu Glu Leu Asp
 77                 110                 115                 120
E--> 78 Asn Ile Ala Asn Thr Thr Ser Phe Asn Gly Lys Gln Leu Leu Ser
 79                 125                 130                 135
 80 Gly Gly Phe Thr Asn Gln Glu Phe Gln Ile Gly Ser Ser Ser Asn
 81                 140                 145                 150
 82 Gln Thr Ile Lys Ala Ser Ile Gly Ala Thr Gln Ser Ser Lys Ile
 83                 155                 160                 165
 84 Gly Val Thr Arg Phe Glu Thr Gly Ser Gln Ser Phe Ser Ser Gly
 85                 170                 175                 180
 86 Thr Val Gly Leu Thr Ile Lys Asn Tyr Asn Gly Ile Glu Asp Phe
 87                 185                 190                 195
 88 Lys Phe Asp Ser Val Val Ile Ser Thr Ser Val Gly Thr Gly Leu
 89                 200                 205                 210
 90 Gly Ala Leu Ala Glu Glu Ile Asn Arg Asn Ala Asp Lys Thr Gly
 91                 215                 220                 225
 92 Ile Arg Ala Thr Phe Asp Val Lys Ser Val Gly Ala Tyr Ala Ile
 93                 230                 235                 240
 94 Lys Ala Gly Asn Thr Ser Gln Asp Phe Ala Ile Asn Gly Val Val
 95                 245                 250                 255
 96 Ile Gly Lys Val Asp Tyr Ser Asp Gly Asp Glu Asn Gly Ser Leu
 97                 260                 265                 270
 98 Ile Ser Ala Ile Asn Ala Val Lys Asp Thr Thr Gly Val Gln Ala
 99                 275                 280                 285
100 Ser Lys Asp Glu Asn Gly Lys Leu Val Leu Thr Ser Ala Asp Gly
101                 290                 295                 300
102 Arg Gly Ile Lys Ile Thr Gly Ser Ile Gly Val Gly Ala Gly Ile
103                 305                 310                 315
104 Leu His Thr Glu Asn Tyr Gly Arg Leu Ser Leu Val Lys Asn Asp
105                 320                 325                 330
```

These are due to errors on p. 1

RAW SEQUENCE LISTING DATE: 01/23/2002
PATENT APPLICATION: US/09/439,311B TIME: 17:01:31

Input Set : A:\Es.txt
Output Set: N:\CRF3\01232002\I439311B.raw

106 Gly Arg Asp
E 108 <210> SEQ ID NO: 3

<210> 6 ← last sequence in file
<211> 573
<212> PRT
<213> Campylobacter coli VC167 T2
<220>
<223>
<400> 6

(portion of Seq 6 shown)

VERIFICATION SUMMARY DATE: 01/23/2002
PATENT APPLICATION: US/09/439,311B TIME: 17:01:32

Input Set : A:\Es.txt
Output Set: N:\CRF3\01232002\I439311B.raw

L:20 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:35 M:283 W: Missing Blank Line separator, <220> field identifier
L:37 M:283 W: Missing Blank Line separator, <400> field identifier
L:54 M:254 E: No. of Bases conflict, LENGTH:Input:2 Counted:1001 SEQ:1
L:54 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:8
L:54 M:252 E: No. of Seq. differs, <211>LENGTH:Input:999 Found:1001 SEQ:1
L:59 M:283 W: Missing Blank Line separator, <220> field identifier
L:61 M:282 W: Numeric Field Identifier Missing, <210> is required.
L:61 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:1 differs:2
L:61 M:283 W: Missing Blank Line separator, <400> field identifier
L:108 M:214 E: (33) Seq.# missing, SEQ ID NO:2
L:113 M:283 W: Missing Blank Line separator, <220> field identifier
L:115 M:283 W: Missing Blank Line separator, <400> field identifier
L:123 M:283 W: Missing Blank Line separator, <220> field identifier
L:125 M:283 W: Missing Blank Line separator, <400> field identifier
L:133 M:283 W: Missing Blank Line separator, <220> field identifier
L:135 M:283 W: Missing Blank Line separator, <400> field identifier
L:219 M:283 W: Missing Blank Line separator, <220> field identifier
L:221 M:283 W: Missing Blank Line separator, <400> field identifier
L:26 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (5) Counted (6)